DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
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NOTICE OF ACCEPTANCE (NOA)

SEAL-O-FLEX, INC.
2520 Oscar Johnson Dr.
Charleston, SC 29405

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (in Miami-Dade County) and/or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Sealoflex Roof Systems over Recover Applications.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA #14-0115.02 and consists of pages 1 through 10.
The submitted documentation was reviewed by Gaspar J Rodriguez.

MIAMI-DADE COUNTY APPROVED

ROOFING SYSTEM APPROVAL

Category:	Roofing
Sub-Category:	Liquid Applied Roof Sytems
Material:	Elastomeric
Deck Type:	Recover
Maximum Design Pressure:	See Specific Deck Assemblies

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

TABLE 1

Product	Dimensions	Test Specification	Product Description
Sealoflex GRR Flood Coat™	1 or 5 gal.	Proprietary	Liquid rubber Emulsion coat.
Sealoflex Pink®	1 or 5 gal.	ASTM D6083	Acrylic base and saturation coat.
Sealoflex Finish Coat™	1 or 5 gal.	ASTM D6083	Acrylic roof coating.
Sealoflex CT Pink™	1 or 5 gal.	Proprietary	Solvent base and saturation coat
Sealoflex CT Top™	1 or 5 gal.	Proprietary	Solvent roof coating.
Sealoflex Fabric™		Proprietary	Non-Woven polyester reinforcing fabric for use in the Sealoflex system.
Metal Etch Primer™	1 or 5 gal.	Proprietary	Primer for all unprotected metal surfaces.
Sealobond Primer™	1 or 5 gal.	Proprietary	Primer for use over painted concrete, wood or steel, or unpainted masonry substrates.
EPDM Primer™	1 or 5 gal.	Proprietary	Primer for use on EPDM, Hypalon and TPO membranes
Sealoflex Flashing Grade™	1 or 5 gal.	Proprietary	Trowellable or brushable waterborne paste
Wearcoat™	1 or 5 gal.	Proprietary	Liquid applied emulsion coating (available in smooth or non-skid version containing aggregate) for pedestrian traffic surfaces.
Coraflex™	1 or 5 gal.	Proprietary	Liquid applied, water dispursed, resin based coating for pedestrian traffic surfaces.

APPROVED INSULATIONS:

TABLE 2

Product Name	Product Description	Manufacturer (With Current NOA)
N/A	N/A	N/A

APPROVED FASTENERS:

TABLE 3

Fastener #	Product	Description	Dimensions	Manufacturer (With current NOA)
1.	OMG Heavy Duty	#14 truss head fastener for wood, steel or concrete decks	#14 dia. x 16" max. length	OMG, Inc.
2.	OMG Plastic Plate	Round high density polypropylene stress plate	3" round	OMG, Inc.

EVIDENCE SUBMITTED:

Test Agency	Test Identifier	Description	Date
Dynatech Engineering Corp.	4211-12.94-2	TAS 114-D	12/18/94
	4213.04.95-1	TAS 114-H	04/01/95
Exterior Research & Design, LLC.	#7050.02.96-1	TAS 114-H	03/01/96
	#4210.04.96-1	TAS 114-H	05/28/96
	#4451.11.95-1	TAS 114-H	11/14/95
	#4213.07.97-1	TAS 114-D	07/15/97
	#4213.09.00-1R	TAS 114	10/25/05
FM Approvals	3023963	FM 4470	04/20/06
Celotex Testing Center	MTS Job No. 258211	TAS 143	05/20/98
	52-8454-12-1&2	TAS 101	11/24/98
	52-8454-15-1	TAS 101	11/24/98
	52-8454-16-1	TAS 101	11/24/98
	52-8454-17-1	TAS 101	11/24/98
	52-0191-3	TAS 101	02/23/99
Trinity | ERD	S44670.04.13-R2	Physical Properties	05/08/13
	4235.05.05-1-R1	TAS 114	04/30/13
	S5820.03.07-R1	TAS 114	05/13/07
	4213.09.00-R2	TAS 114	10/25/05
	S12420.02.10-2-R1	ASTM D6083/TAS 114-H	04/02/10
	S45850.10.13	Physical Properties	10/30/13
PRI Asphalt Technologies	SOF-007-02-01	ASTM D6083	07/14/04

Deck Type 7: Recover

Deck Description: Structural Concrete or Minimum 22 ga. steel deck with supports spaced maximum 6 ft. o.c. *The deck shall record a Minimum Characteristic Resistance Force (MCRF) of 420 lbf. when tested with Firestone All-Purpose fasteners installed through to the deck in accordance with TAS 105.

System Type F(1): Mechanically attach existing roof, followed by Sealoflex System.

Note: Substrate preparation shall be in accordance with applicable Building Code and RAS 117.

Substrate: Existing smooth or granule surfaced BUR, granule surfaced SBS modified bitumen, EPDM single-ply, PVC single-ply, Hypalon single-ply or TPO single-ply roof system primed and/or treated as outlined below:

Primer/Treatment:

Existing Roof	Primer	Treatment
BUR	None	Sealoflex Pink® at 80 ft²/gal
Granule SBS Modified Bitumen	None	Sealoflex Pink® at 80 ft²/gal
PVC	None	Sealoflex Pink® at 80 ft²/gal
EPDM	EPDM Primer™ at 250 ft²/gal	Sealoflex Pink® at 80 ft²/gal
Hypalon	EPDM Primer™ at 250 ft²/gal	Sealoflex Pink® at 80 ft²/gal
TPO	EPDM Primer™ at 250 ft²/gal	Sealoflex Pink® at 80 ft²/gal

Attachment: Apply 12 x 12 inch sections of Sealoflex Pink® / Sealoflex Deck Fabric / Sealoflex Pink® per the attachment grid patterns noted below. Install OMG Heavy Duty fasteners and OMG Plastic Plates in the center of each 12 x 12 inch section.

Membrane: Apply Sealoflex Pink® at 80 ft²/gal followed by Sealoflex Fabric™ or Sealoflex Deck Fabric with 3" overlaps followed by a saturation coat of Sealoflex Pink® at 80 ft²/gal and, upon drying, two coats of Sealoflex Finish Coat™ at a combined rate of 70 ft²/gal.

Surfacing: (Optional) Apply two coats of Wearcoat™ at a combined rate of 90 ft²/gal. or Coraflex™ at a rate of 20 ft²/gal followed by two coats of Wearcoat™ at a combined rate of 90 ft²/gal.

Maximum Design Pressure:

Grid Pattern	Density	Maximum Design Pressure
24 x 24 inch grid	1 per 4 ft²	-52.5 psf (See General Limitation #7)
18 x 18 inch grid	1 per 2.25 ft²	-90 psf (See General Limitation #7)

Deck Type 7: Recover

Deck Description: Structural Concrete or Minimum 22 ga. steel deck with supports spaced maximum 6 ft. o.c. *The deck shall record a Minimum Characteristic Resistance Force (MCRF) of 405 lbf. when tested with Firestone All-Purpose fasteners installed through to the deck in accordance with TAS 105.

System Type F(2): Mechanically attach existing roof, followed by Sealoflex CT™ System.

Note: Substrate preparation shall be in accordance with applicable Building Code and RAS 117.

Substrate: Existing smooth or granule surfaced BUR, granule surfaced SBS modified bitumen, EPDM single-ply, PVC single-ply, Hypalon single-ply or TPO single-ply roof system primed and/or treated as outlined below:

Primer/Treatment:

Existing Roof	Primer	Treatment
BUR	None	Sealoflex Pink® at 80 ft²/gal
Granule SBS Modified Bitumen	None	Sealoflex Pink® at 80 ft²/gal
PVC	None	Sealoflex Pink® at 80 ft²/gal
EPDM	EPDM Primer™ at 250 ft²/gal	Sealoflex Pink® at 80 ft²/gal
Hypalon	EPDM Primer™ at 250 ft²/gal	Sealoflex Pink® or CT Pink™ at 80 ft²/gal
TPO	EPDM Primer™ at 250 ft²/gal	Sealoflex Pink® at 80 ft²/gal

Attachment: Apply 12 x 12 inch sections of Sealoflex Pink® / Sealoflex Fabric / Sealoflex Pink® per the attachment grid patterns noted below. Install OMG Heavy Duty fasteners and OMG Plastic Plates in the center of each 12 x 12 inch section.

Membrane: Apply Sealoflex CT Pink™ at 60 ft²/gal followed by Sealoflex Fabric™ with 3" overlaps followed by a saturation coat of Sealoflex CT Pink™ at 60 ft²/gal and upon drying, two coats of Sealoflex CT Top™ at a combined rate of 70 ft²/gal.

Surfacing: (Optional) Apply two coats of Wearcoat™ at a combined rate of 90 ft²/gal. or Coraflex™ at a rate of 20 ft²/gal followed by two coats of Wearcoat™ at a combined rate of 90 ft²/gal.

Maximum Design Pressure:

Grid Pattern	Density	Maximum Design Pressure
24 x 24 inch grid	1 per 4 ft²	-52.5 psf (See General Limitation #7)
18 x 18 inch grid	1 per 2.25 ft²	-90 psf (See General Limitation #7)

Deck Type 7: Recover

Deck Description: Wood/Steel/Concrete/Lightweight Insulating Concrete/Cementitious Wood Fiber/ Poured Gypsum

System Type F(3): Sealoflex Gravel Roof Recovery System applied directly to existing roof cover.

Note: Substrate preparation shall be in accordance with applicable Building Code and RAS 117.

Flood Coat: Apply Sealoflex GRR Flood Coat™ to clean and dry substrate at a minimum rate of 10 gallons per 100 ft^2. Sufficient GRR Flood Coat™ shall be applied as to cover gravel and provide a smooth level surface. Allow for minimum 4 hour cure prior to continuing.

Membrane: Apply Sealoflex Pink® at 80ft^2/gal followed by Sealoflex Fabric™ with 3" overlaps followed by a saturation coat of Sealoflex Pink® at 80ft^2/gal and, upon drying, two coats of Sealoflex Finish Coat™ at a combined rate of 70 ft^2/gal.

Or

Apply Sealoflex CT Pink™ at 60 ft^2/gal followed by Sealoflex Fabric™ with 3" overlaps followed by a saturation coat of Sealoflex CT Pink™ at 60 ft^2/gal and upon drying, two coats of Sealoflex CT Top™ at a combined rate of 70 ft^2/gal.

Surfacing: (Optional) Apply two coats of Wearcoat™ at a combined rate of 90 ft^2/gal. or Coraflex™ at a rate of 20 ft^2/gal followed by two coats of Wearcoat™ at a combined rate of 90 ft^2/gal.

Maximum Design Pressure: -522.5 psf; For Sealoflex System (See General Limitation #9.)
-330 psf; For Sealoflex CT System (See General Limitation #9.)

Deck Type 7: Recover

Deck Description: Wood/Steel/Concrete/Lightweight Insulating Concrete/Cementitious Wood Fiber/ Poured Gypsum

System Type F(4): Sealoflex system applied directly to existing fully adhered roof cover.

Note: Substrate preparation shall be in accordance with applicable Building Code and RAS 117.

Substrate: Existing, fully-adhered smooth or granule surfaced BUR, granule surfaced SBS modified bitumen, EPDM single-ply, PVC single-ply, Hypalon single-ply or TPO single-ply roof system primed and/or treated as outlined below:

Primer/Treatment:

Existing Roof	Primer	Treatment
BUR	None	Sealoflex Pink® at 80 ft²/gal
Granule SBS Modified Bitumen	None	Sealoflex Pink® at 80 ft²/gal
PVC	None	Sealoflex Pink® at 80 ft²/gal
EPDM	EPDM Primer™ at 250 ft²/gal	Sealoflex Pink® at 80 ft²/gal
Hypalon	EPDM Primer™ at 250 ft²/gal	Sealoflex Pink® at 80 ft²/gal
TPO	EPDM Primer™ at 250 ft²/gal	Sealoflex Pink® at 80 ft²/gal

Membrane: Apply Sealoflex Pink® at 80 ft²/gal followed by Sealoflex Fabric™ with 3" overlaps followed by a saturation coat of Sealoflex Pink® at 80 ft²/gal and, upon drying, two coats of Sealoflex Finish Coat™ at a combined rate of 70 ft²/gal.

Surfacing: (Optional) Apply two coats of Wearcoat™ at a combined rate of 90 ft²/gal. or Coraflex™ at a rate of 20 ft²/gal followed by two coats of Wearcoat™ at a combined rate of 90 ft²/gal.

Maximum Design Pressure: -262.5 psf; (See General Limitation #9.)

Deck Type 7: Recover

Deck Description: Wood/Steel/Concrete/Lightweight Insulating Concrete/Cementitious Wood Fiber/ Poured Gypsum

System Type F(5): Sealoflex CT™ system applied directly to existing fully adhered roof cover.

Note: Substrate preparation shall be in accordance with applicable Building Code and RAS 117.

Substrate: Existing, fully-adhered smooth or granule surfaced BUR, granule surfaced SBS modified bitumen, EPDM single-ply, PVC single-ply, Hypalon single-ply or TPO single-ply roof system primed and/or treated as outlined below:

Primer/Treatment:

Existing Roof	Primer	Treatment
BUR	None	Sealoflex Pink® at 80 ft^2/gal
Granule SBS Modified bitumen	None	Sealoflex Pink® at 80 ft^2/gal
PVC	None	Sealoflex Pink® at 80 ft^2/gal
EPDM	EPDM Primer™ at 250 ft^2/gal	Sealoflex Pink® at 80 ft^2/gal
Hypalon	EPDM Primer™ at 250 ft^2/gal	Sealoflex Pink® or CT Pink™ at 80 ft^2/gal
TPO	EPDM Primer™ at 250 ft^2/gal	Sealoflex Pink® at 80 ft^2/gal

Membrane: Apply Sealoflex CT Pink™ at 60 ft^2/gal followed by Sealoflex Fabric™ with 3" overlaps followed by a saturation coat of Sealoflex CT Pink™ at 60 ft^2/gal and upon drying, two coats of Sealoflex CT Top™ at a combined rate of 70 ft^2/gal.

Surfacing: (Optional) Apply two coats of Wearcoat™ at a combined rate of 90 ft^2/gal. or Coraflex™ at a rate of 20 ft^2/gal followed by two coats of Wearcoat™ at a combined rate of 90 ft^2/gal.

Maximum Design Pressure: -262.5 psf; (See General Limitation #9.)

Deck Type 7: Recover

Deck Description: Wood/Steel/Concrete/Lightweight Insulating Concrete/Cementitious Wood Fiber/ Poured Gypsum

System Type F(6): Sealoflex System applied directly to existing spray applied polyurethane foam.

Substrate: Existing spray applied polyurethane foam

All General Limitations Apply

Preparation: The surface shall be clean, sound and dry prior to application of Sealoflex coating. All surface preparation shall be in compliance with the coating manufacturer's published application instructions and current Miami-Dade Product Control Notice of Acceptance.

Membrane: Apply Sealoflex Pink® at 80 ft²/gal followed by Sealoflex Fabric™with 3" overlaps followed by a saturation coat of Sealoflex Pink® at 80 ft^2/gal and, upon drying, two coats of Sealoflex Finish Coat™ at a combined rate of 70 ft²/gal.

Surfacing: (Optional) Apply two coats of Wearcoat™ at a combined rate of 90 ft^2/gal. or Coraflex™ at a rate of 20 ft²/gal followed by two coats of Wearcoat™ at a combined rate of 90 ft^2/gal.

Maximum Design Pressure: (As determined by TAS 124)

GENERAL LIMITATIONS:

1. Fire classification is not part of this acceptance, refer to a current Approved Roofing Materials Directory for fire ratings of this product.
2. Insulation may be installed in multiple layers. The first layer shall be attached in compliance with Product Control Approval guidelines. All other layers shall be adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq., or mechanically attached using the fastening pattern of the top layer
3. All standard panel sizes are acceptable for mechanical attachment. When applied in approved asphalt, panel size shall be 4' x 4' maximum.
4. An overlay and/or recovery board insulation panel is required on all applications over closed cell foam insulations when the base sheet is fully mopped. If no recovery board is used the base sheet shall be applied using spot mopping with approved asphalt, 12" diameter circles, 24" o.c.; or strip mopped 8" ribbons in three rows, one at each sidelap and one down the center of the sheet allowing a continuous area of ventilation. Encircling of the strips is not acceptable. A 6" break shall be placed every 12' in each ribbon to allow cross ventilation. Asphalt application of either system shall be at a minimum rate of 12 lbs./sq. **Note: Spot attached systems shall be limited to a maximum design pressure of -45 psf.**
5. Fastener spacing for insulation attachment is based on a Minimum Characteristic Force (F') value of 275 lbf., as tested in compliance with Testing Application Standard TAS 105. If the fastener value, as field-tested, are below 275 lbf. insulation attachment shall not be acceptable.
6. Fastener spacing for mechanical attachment of anchor/base sheet or membrane attachment is based on a minimum fastener resistance value in conjunction with the maximum design value listed within a specific system. Should the fastener resistance be less than that required, as determined by the Building Official, a revised fastener spacing, prepared, signed and sealed by a Florida Registered Engineer, Architect, or Registered Roof Consultant may be submitted. Said revised fastener spacing shall utilize the withdrawal resistance value taken from Testing Application Standards TAS 105 and calculations in compliance with Roofing Application Standard RAS 117.
7. Perimeter and corner areas shall comply with the enhanced uplift pressure requirements of these areas. Fastener densities shall be increased for both insulation and base sheet as calculated in compliance with Roofing Application Standard RAS 117. Calculations prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant **(When this limitation is specifically referred within this NOA, General Limitation #9 will not be applicable.)**
8. All attachment and sizing of perimeter nailers, metal profile, and/or flashing termination designs shall conform with Roofing Application Standard RAS 111 and applicable wind load requirements.
9. The maximum designed pressure limitation listed shall be applicable to all roof pressure zones (i.e. field, perimeters, and corners). Neither rational analysis, nor extrapolation shall be permitted for enhanced fastening at enhanced pressure zones (i.e. perimeters, extended corners and corners). **(When this limitation is specifically referred within this NOA, General Limitation #7 will not be applicable.)**
10. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code.

END OF THIS ACCEPTANCE